

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013115**Date Inspected:** 25-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** **Yes No N/A****Rod Oven in Use:** **Yes No N/A****Electrode to specification:** **Yes No N/A****Weld Procedures Followed:** **Yes No N/A****Qualified Welders:** **Yes No N/A****Verified Joint Fit-up:** **Yes No N/A****Approved Drawings:** **Yes No N/A****Approved WPS:** **Yes No N/A****Delayed / Cancelled:** **Yes No N/A****Bridge No:** 34-0006**Component:** Orthotropic Box Girder(OBG)**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance (QA) Inspector Manoj Prabhune was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

ZPMC SHIP # 17

This QA Inspector performed photo documentation along with Caltrans QA inspector (Mr. Manikandan) on segment lift 5 (West) and lift 5 (East) located on ZPMC ship # 17 prior to being shipped to San Francisco California for erection. The following locations and members documented are as followed:

Lift 5 West (Panel Point 35~36) following sequence pictures documented

1. Corner Assembly - Counterweight side of segment.
2. Longitudinal Diaphragm - Counterweight side of segment.
3. Chevron Diagonals members (upper and lower) - Counterweight side of segment.
4. Chevron Diagonals members (upper and lower) - Crossbeam side of segment.
5. Longitudinal Diaphragm – Crossbeam side of segment.
6. Corner Assembly - Crossbeam side of segment.

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Lift 5 East (Panel Point 29~36) following sequence pictures documented

1. Corner Assembly – Bike Path side of segment.
2. Longitudinal Diaphragm – Bike Path side of segment.
3. Chevron Diagonals members (upper and lower) – Bike Path side of segment.
4. Chevron Diagonals members (upper and lower) - Crossbeam side of segment.
5. Longitudinal Diaphragm – Crossbeam side of segment.
6. Corner Assembly - Crossbeam side of segment.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang phone: 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Prabhune,Manoj	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
